



December 20, 2005

Ms. Margaret Lagorio
San Joaquin County Environmental Health Department
304 East Weber Avenue, Third Floor
Stockton, California 95202

02076
06.a4

**RE: Well Destruction Report
ARCO Service Station No. 2076
800 East Kettleman Lane, Lodi, California**

Dear Ms. Lagorio:

URS Corporation Americas (URS), on behalf of Atlantic Richfield Company (ARCO - a BP affiliated company), has prepared this report to document well destruction activities conducted at ARCO Station No. 2076 located at 800 East Kettleman Lane, Lodi, California (Figures 1 and 2). The destruction of site monitoring wells was conducted at the request of the San Joaquin County Environmental Health Department (SJCEHD) to obtain site closure.

Permitting

Well destruction permits were obtained from the SJCEHD prior to conducting field activities on the site. (Attachment A)

Well Destruction Activities

On October 18 and 19, 2005, well locations MW-2, MW-4, VW-1, VW-2, and VW-3 were hand cleared for utilities to a minimum of 3 feet below ground surface (bgs) and a minimum of 22 inches in diameter by air or water-knife (or combination thereof depending on the nature of the location), back-filled with sand, and capped with concrete. During clearing activities at monitoring well MW-3, pea-gravel and magnetic tape were encountered at approximately 1.5 feet bgs. Clearing activities at this location ceased and the well was backfilled with sand and capped with cold-patch asphalt. Well locations MW-1, VW-4, VW-5, VW-6, and VW-7 were not hand cleared because they were built with vaults that were approximately 31-inch in diameter with concrete floors, which could cause a safety hazard for the vac clearing crew. The SJCEHD was notified of the conditions found on site and alternatives to the well destruction activities described in the Well Destruction Workplan (URS, 2005) were discussed. The variance for the wells with 31-inch diameter vaults was to cut the casing to within 6 inches of the vault floor and fill the entire vault with neat-cement grout containing less than 5% bentonite powder thus producing the required mushroom cap.

URS Corporation
Crown Corporate Center
2870 Gateway Oaks Drive, Suite 150
Sacramento, CA 95833
Tel: 916.679.2000
Fax: 916.679.2900

K:\Wprocess\J5 BP ARCO\02076\Well Destr\2076 Well Destruction Report.doc

Ms. Margaret Lagorio
San Joaquin County Environmental Health Department
December 20, 2005

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On November 21, 2005, Woodward Drilling Company, Inc. of Rio Vista, California, conducted well destruction activities. Well locations (MW-2, MW-4, VW-1, VW-2, VW-3, and MW-3) were pressure grouted with neat cement grout containing less than 5% bentonite powder. Pneumatic pressure was applied at the top of casing to ensure filter pack infiltration. The vac truck removed the sand from the previous utility clearance activities in preparation for the casing to be cut down to a minimum of 2.5 feet bgs (with the exception of MW-3 where the casing was cut down to approximately 1.5 feet below ground surface due to the trench line encountered on October 19, 2005). Then the boring was backfilled with additional neat cement grout containing less than 5% bentonite powder to 2-inches from ground surface to form the mushroom cap. To allow the grout to set overnight, 4-foot by 4-foot squares of 1-inch thick plywood were secured to the asphalt using heavy-duty screws over the open holes with delineators and caution tape for public safety. The well locations in the 31-inch diameter vaults (MW-1, VW-4, VW-5, VW-6, and VW-7) were pressure grouted with neat cement grout containing less than 5% bentonite powder. Pneumatic pressure was applied at the top of casing to ensure filter pack infiltration. Any horizontal piping associated with the former remediation system found within the vaults was broken to allow grout to flow in and fill the void. The casings were cut down to 6-inches of the vault floors and the vaults filled to within 2-inches of the ground surface. The original vault lids were put back into place to allow the grout to set overnight.

On November 22, 2005, Woodward Drilling returned to finish the concrete surface completions for well locations MW-1, MW-2, MW-3, MW-4, VW-1, VW-2, VW-3, VW-4, VW-5, VW-6, and VW-7 using Cal-Trans Set-45 concrete and tinted to match the surrounding surfaces.

Waste Disposal

Drill cuttings and wastewater generated during well destruction activities were placed in labeled 55-gallon Department of Transportation (DOT)-approved steel drums and stored on site. A composite soil sample was collected from the soil cuttings and submitted to the Sequoia Analytical Laboratory in Morgan Hill, California, for analysis of gasoline range organics (GRO), benzene, toluene, ethylbenzene, total xylenes (BTEX), methyl tert-butyl ether (MtBE), tert-butyl alcohol (TBA), ethyl tert-butyl ether (EtBE), di-isopropyl ether (DIPE), tert-amyl methyl ether (TAME), 1,2-dichloroethane (1,2-DCA), 1,2-dibromoethane (EDB), and ethanol by EPA Method 8260B (preparation EPA Method 5030), and total lead by EPA Method 6010B. The laboratory analytical report is included in Attachment B.

Removal of the drill cuttings, wastewater, and well vaults in drums from the site was scheduled with Dillard Trucking, Inc. Upon receipt of disposal manifests from the waste hauler, a report addendum will be submitted documenting field activities.

Ms. Margaret Lagorio
San Joaquin County Environmental Health Department
December 20, 2005

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If you have any questions or comments regarding this letter report, please call Ms. Margaret Hogaboom at (916) 679-2241.

Sincerely,

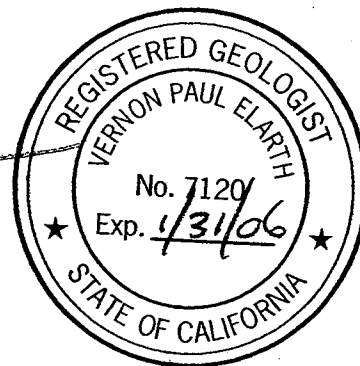
URS Corporation Americas



Margaret Hogaboom
Staff Geologist



Vernon Elarth, R.G.
Project Manager

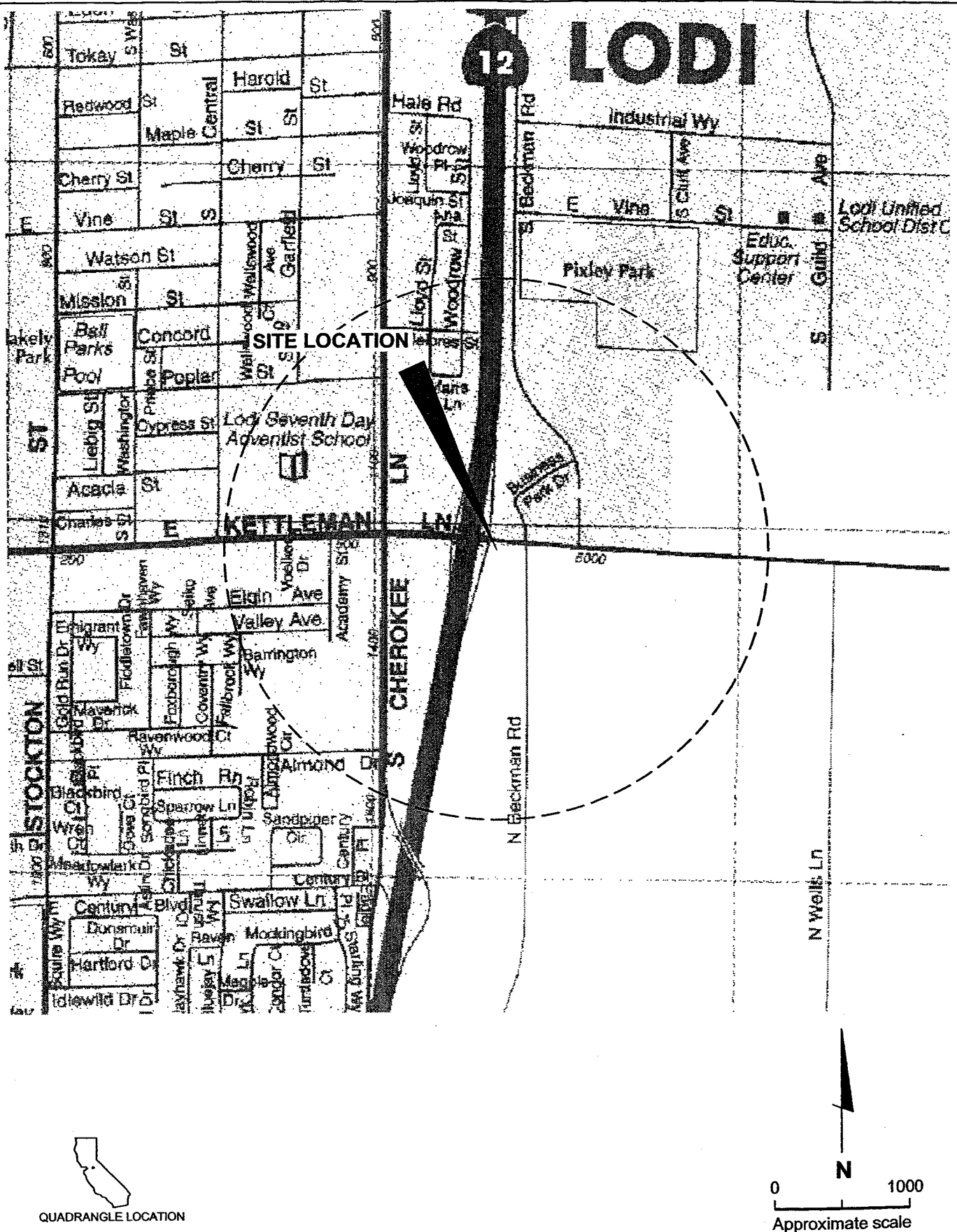


Attachments: Figure 1 Site Location Map
Figure 2 Site Map

Attachment A SJCEHD Well Destruction Permits
Attachment B Drum Comp Laboratory Analytical Report

cc: Mr. Paul Supple, Atlantic Richfield Company
Mr. Jim Barton, RWQCB
Project File

FIGURES



URS

2870 Gateway Oaks Drive, Ste. 150
Sacramento, CA 95833-3200
TEL: (916) 679-2000
FAX: (916) 679-2900

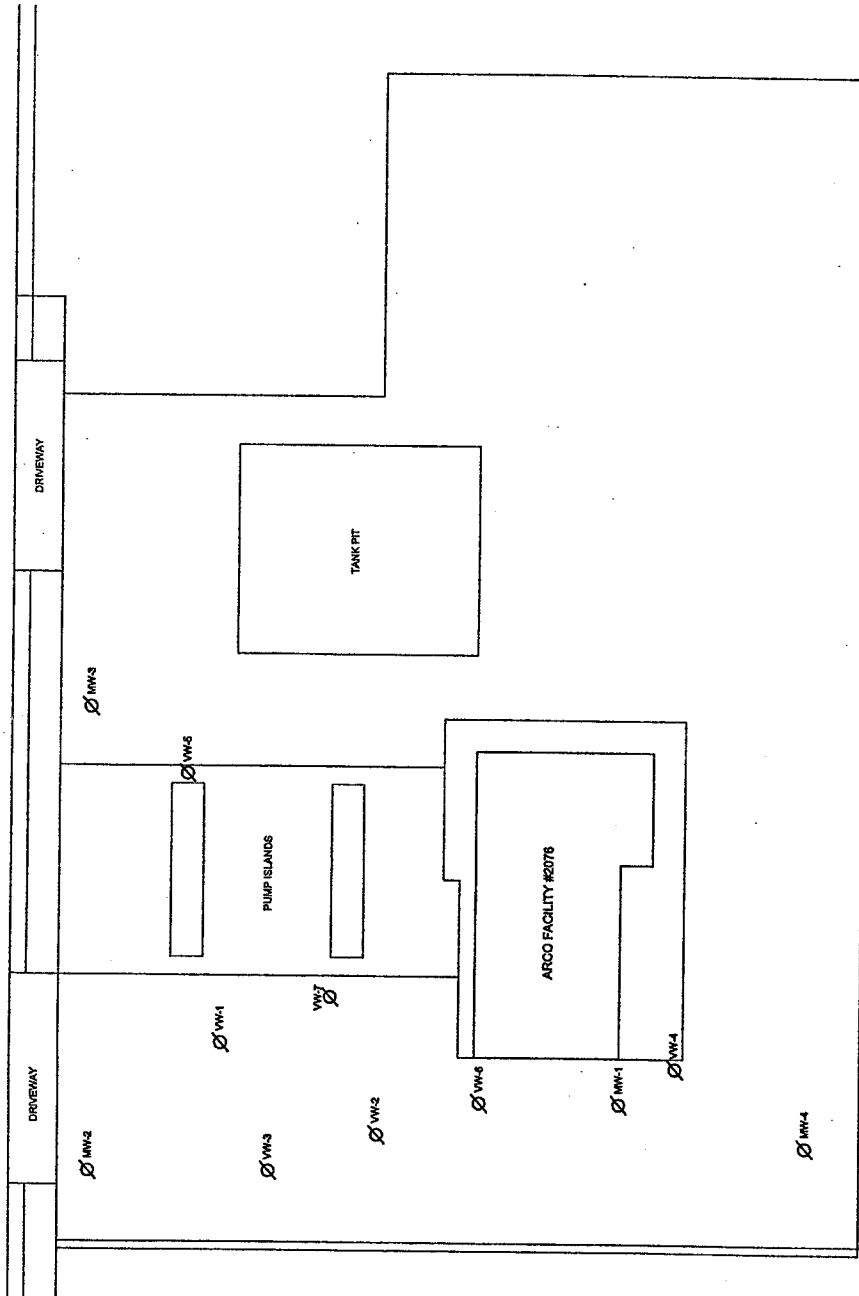
SITE LOCATION MAP

ARCO Service Station No. 2076
800 East Kettleman Lane
Lodi, California

FIGURE

1

EAST KETTLEMAN LANE



LEGEND

- MW-1 DESTROYED MONITORING WELL LOCATION
- MW-1 DESTROYED SOIL VAPOR EXTRACTION WELL
- WELLS DESTROYED 11/22/2005



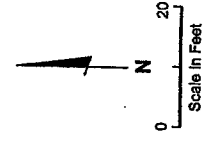
2870 Gateway Oaks Drive, Ste. 150
 Sacramento, CA 95833-3200
 TEL (916) 675-2000
 FAX (916) 675-2000

SITE PLAN

ARCO Service Station No. 2076
 600 East Kettleman Lane
 Lodi, California

FIGURE

2



ATTACHMENT A

SJCEHD Well Destruction Permit



San Joaquin County
Environmental Health Department
 304 East Weber Avenue, 3rd Floor, Stockton, CA 95202
 (209) 468-3449 Fax: (209) 468-3433 Web: www.sjgov.org/ehd

**SITE
MITIGATION
UNIT IV**

Well Permit Application

NON-REFUNDABLE PERMIT EXPIRES 1 YEAR FROM DATE ISSUED

Application is hereby made to San Joaquin County for a permit to construct and/or install the work described. This application is made in compliance with San Joaquin County Development Title, Chapter 9-1115.3 and the Standards of San Joaquin County Environmental Health Department.

WELL Location 800 E. Kettleman Cross Street S. Cherokee City Lodi Zip 95240 Assessors Parcel# 06206042

PROPERTY Owner BP-ARCO Address PO BOX 5015 City Buena Vista Park Zip 90622 Phone# 710079

C-57 Contractor Woodward Drilling Address PO Box 336 City Rio Vista Zip 94571 Lic# 50669 Phone# 707-374-4300

Consultant / Sub Cntr URS Address 2570 Gateway Oaks Dr City Sacramento Lic# #380 Phone# 916-679-2261

GIS Coordinates: X _____ Y _____ Township 3N Range 7E Section 13

WORK TO BE PERFORMED:

☒ **NEW WELL / BORING** (CPT, GEOPROBE, HYDROPUNCH, HAND-AUGER, OTHER*) ☒ **DESTRUCTION** (choose type below)
☐ SOIL BORING # _____ ☐ OVER-BORE DIAMETER _____
☐ WELL # _____ ☒ PRESSURE GROUT _____
☐ *Other _____ GROUT SPECIFICATIONS _____

COMMENTS: Grout + overdrill top 5' - 11 locations

TYPE OF WELL	INSTALLATION TYPE	CONSTRUCTION SPECIFICATIONS
<input checked="" type="checkbox"/> MONITORING	<input type="checkbox"/> HOLLOW STEM	DIA. OF BOREHOLE <u>10"</u> <input type="checkbox"/> MULTIPLE CASINGS <input type="checkbox"/> MULTI-LEVEL WELL CASING DIA: <u>4"</u>
<input type="checkbox"/> EXTRACTION	<input type="checkbox"/> AIR HAMMER/DRIVEN	CASING THICKNESS _____ TYPE OF CASING: <input type="checkbox"/> STEEL <input checked="" type="checkbox"/> PVC <input type="checkbox"/> OTHER: _____
<input checked="" type="checkbox"/> VAPOR	<input type="checkbox"/> MUD ROTARY	DEPTH OF GROUT SEAL _____ TREMIE TYPE TO BE USED: <input type="checkbox"/> AUGERS <input type="checkbox"/> HOSE
<input type="checkbox"/> AIR SPARGE/OZONE	<input type="checkbox"/> PUSH POINT (GP or CPT)	GROUT SEAL PUMPED: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (NOTE: MAXIMUM FREE-FALL DEPTH IS 30')
<input type="checkbox"/> SOIL BORING	<input checked="" type="checkbox"/> HAND AUGER	GROUT SPECIFICATIONS <u>63' / 30'</u>
<input type="checkbox"/> OTHER: _____	<input type="checkbox"/> OTHER _____	APPROX. BORING DEPTH <u>63' / 30'</u> <input type="checkbox"/> BOLTED TRAFFIC BOX or <input type="checkbox"/> STOVE PIPE
		CONDUCTOR CASING PROPOSED _____ (If YES, list specifications in comment section)

COMMENTS: 4 monitoring wells @ 63' ; 7 Vapor wells @ 30'

NOTE: OFFSITE BORINGS REQUIRE ACCESS AGREEMENT OR ENCROACHMENT PERMITS.

48 WORKING HOURS NOTICE REQUIRED FOR INSPECTIONS.

I hereby certify that I have prepared this application and that the work will be done in accordance with San Joaquin County Ordinances, Rules and Regulations, and all applicable California State Laws. On Behalf of ARCO

Signed x M. Lagorio Title/Company URS

Print Name Michael Hall Date 8/30/05

DEPARTMENT USE ONLY

SITE MAP IN UNIT IV FILE, ADDRESS: 800 E. Kettleman Lodi Brown label

WORK PLAN DATED: 9/1/05 according to conditions below

Application Accepted By M. Lagorio Date Issued 10/7/05 Area 942

Grout Inspection By _____ Date _____ Final Inspection By _____ Date _____

Destruction Inspection By _____ Date _____

COMMENTS / CONDITIONS: Pressure grout requires hole 12" larger than original borehole

ACCOUNTING ONLY:		AID# <u>be excavated to 2' well casing cut 2 1/2' below grade and mushroom cap</u>		FAC#			
PE CODES	FEE INFO	AMOUNT REMITTED	CHECK #	REC'D BY	DATE	PERMIT / SERVICE REQUEST #	INVOICE
2902	\$0	\$60	542532		10/7/05	SR# 44251	

C-57 WC -WAIVER C-57 Letter of Authorization to sign permit Encroachment doc

EHD 29-02-001
6/22/04

Wells MW1, VW4, VWS, VW6, VW7 are in 31" vaults and will have the casing cut off 6" above the bottom of the vault

ATTACHMENT B

Drum Comp Laboratory Analytical Report



30 November, 2005

Vernon P. Elarth
URS Corporation [Arco1]
2870 Gateway Oaks Dr., Ste 300
Sacramento, CA 95833

RE: ARCO #2076, Lodi, CA
Work Order: MOK0991

Enclosed are the results of analyses for samples received by the laboratory on 11/23/05 08:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race
Senior Project Manager

CA ELAP Certificate #1210

The results in this laboratory report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the BPGCLN Technical Specifications, applicable Federal, State, local regulations and certification requirements as well as the methodologies as described in laboratory SOPs reviewed by the BPGCLN. This entire report was reviewed and approved for release.



URS Corporation [Arco1]
2870 Gateway Oaks Dr., Ste 300
Sacramento CA, 95833

Project: ARCO #2076, Lodi, CA
Project Number: G0BZH-0002
Project Manager: Vernon P. Elarth

MOK0991
Reported:
11/30/05 13:04

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Drumcomp 2076	MOK0991-01	Soil	11/22/05 00:00	11/23/05 08:30
TB-02076-112205	MOK0991-02	Water	11/22/05 00:00	11/23/05 08:30

The carbon range for the TPH-GRO has been changed from C6-C10 to C4-C12. The carbon range for TPH-DRO has been changed from C10-C28 to C10-C36. EPA 8015B has been modified to better meet the requirements of California regulatory agencies.

These samples were received with intact custody seals.



URS Corporation [Arc01]
2870 Gateway Oaks Dr., Ste 300
Sacramento CA, 95833

Project: ARCO #2076, Lodi, CA
Project Number: G0BZH-0002
Project Manager: Vernon P. Elarth

MOK0991
Reported:
11/30/05 13:04

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Drumcomp 2076 (MOK0991-01) Soil **Sampled: 11/22/05 00:00** **Received: 11/23/05 08:30**

Lead	ND	35	mg/kg	7	5K23042	11/23/05	11/28/05	EPA 6010B	DF
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URS Corporation [Arco1]
2870 Gateway Oaks Dr., Ste 300
Sacramento CA, 95833

Project: ARCO #2076, Lodi, CA
Project Number: G0BZH-0002
Project Manager: Vernon P. Elarth

MOK0991
Reported:
11/30/05 13:04

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Drumcomp 2076 (MOK0991-01) Soil Sampled: 11/22/05 00:00 Received: 11/23/05 08:30									
tert-Amyl methyl ether	ND	0.0050	mg/kg	1	5K23010	11/23/05	11/23/05	EPA 8260B	
Benzene	ND	0.0050	"	"	"	"	"	"	
tert-Butyl alcohol	ND	0.020	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
Ethanol	ND	0.10	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	0.10	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		75 %	60-125		"	"	"	"	



URS Corporation [Arco1]
2870 Gateway Oaks Dr., Ste 300
Sacramento CA, 95833

Project: ARCO #2076, Lodi, CA
Project Number: G0BZH-0002
Project Manager: Vernon P. Elarth

MOK0991
Reported:
11/30/05 13:04

**Total Metals by EPA 6000/7000 Series Methods - Quality Control
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5K23042 - EPA 3050B / EPA 6010B										
Blank (5K23042-BLK1)										
					Prepared: 11/23/05 Analyzed: 11/29/05					
Lead	ND	5.0	mg/kg							
Laboratory Control Sample (5K23042-BS1)										
					Prepared: 11/23/05 Analyzed: 11/28/05					
Lead	47.3	5.0	mg/kg	50.0		95	75-120			
Matrix Spike (5K23042-MS1)										
					Prepared: 11/23/05 Analyzed: 11/29/05					
Lead	52.0	5.0	mg/kg	50.0	12	80	75-120			
Matrix Spike Dup (5K23042-MSD1)										
					Prepared: 11/23/05 Analyzed: 11/29/05					
Lead	45.4	5.0	mg/kg	50.0	12	67	75-120	14	20	LN

URS Corporation [Arco1]
2870 Gateway Oaks Dr., Ste 300
Sacramento CA, 95833

Project: ARCO #2076, Lodi, CA
Project Number: G0BZH-0002
Project Manager: Vernon P. Elarth

MOK0991
Reported:
11/30/05 13:04

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5K23010 - EPA 5035 / EPA 8260B

Blank (5K23010-BLK1)

Prepared & Analyzed: 11/23/05

tert-Amyl methyl ether	ND	0.0050	mg/kg
Benzene	ND	0.0050	"
tert-Butyl alcohol	ND	0.020	"
Di-isopropyl ether	ND	0.0050	"
1,2-Dibromoethane (EDB)	ND	0.0050	"
1,2-Dichloroethane	ND	0.0050	"
Ethanol	ND	0.10	"
Ethyl tert-butyl ether	ND	0.0050	"
Ethylbenzene	ND	0.0050	"
Methyl tert-butyl ether	ND	0.0050	"
Toluene	ND	0.0050	"
Xylenes (total)	ND	0.0050	"
Gasoline Range Organics (C4-C12)	ND	0.10	"

Surrogate: 1,2-Dichloroethane-d4 0.00459 " 0.00500 92 60-125

Laboratory Control Sample (5K23010-BS1)

Prepared & Analyzed: 11/23/05

tert-Amyl methyl ether	0.0159	0.0050	mg/kg	0.0150	106	80-130
Benzene	0.00537	0.0050	"	0.00516	104	65-125
tert-Butyl alcohol	0.167	0.020	"	0.143	117	80-165
Di-isopropyl ether	0.0159	0.0050	"	0.0151	105	85-115
1,2-Dibromoethane (EDB)	0.0163	0.0050	"	0.0149	109	85-130
1,2-Dichloroethane	0.0135	0.0050	"	0.0147	92	63-124
Ethanol	0.154	0.10	"	0.142	108	35-150
Ethyl tert-butyl ether	0.0158	0.0050	"	0.0150	105	80-125
Ethylbenzene	0.00701	0.0050	"	0.00754	93	80-135
Methyl tert-butyl ether	0.00657	0.0050	"	0.00702	94	75-115
Toluene	0.0372	0.0050	"	0.0372	100	85-125
Xylenes (total)	0.0405	0.0050	"	0.0412	98	80-140
Gasoline Range Organics (C4-C12)	0.515	0.10	"	0.440	117	53-126

Surrogate: 1,2-Dichloroethane-d4 0.00343 " 0.00500 69 60-125

URS Corporation [Arco1]
2870 Gateway Oaks Dr., Ste 300
Sacramento CA, 95833

Project: ARCO #2076, Lodi, CA
Project Number: G0BZH-0002
Project Manager: Vernon P. Elarth

MOK0991
Reported:
11/30/05 13:04

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5K23010 - EPA 5035 / EPA 8260B

Laboratory Control Sample Dup (5K23010-BSD1)

Prepared & Analyzed: 11/23/05

tert-Amyl methyl ether	0.0162	0.0050	mg/kg	0.0150		108	80-130	2	25	
Benzene	0.00530	0.0050	"	0.00516		103	65-125	1	20	
tert-Butyl alcohol	0.160	0.020	"	0.143		112	80-165	4	25	
Di-isopropyl ether	0.0160	0.0050	"	0.0151		106	85-115	0.6	20	
1,2-Dibromoethane (EDB)	0.0164	0.0050	"	0.0149		110	85-130	0.6	15	
1,2-Dichloroethane	0.0142	0.0050	"	0.0147		97	63-124	5	25	
Ethanol	0.153	0.10	"	0.142		108	35-150	0.7	40	
Ethyl tert-butyl ether	0.0161	0.0050	"	0.0150		107	80-125	2	25	
Ethylbenzene	0.00715	0.0050	"	0.00754		95	80-135	2	20	
Methyl tert-butyl ether	0.00720	0.0050	"	0.00702		103	75-115	9	35	
Toluene	0.0366	0.0050	"	0.0372		98	85-125	2	15	
Xylenes (total)	0.0409	0.0050	"	0.0412		99	80-140	1	20	
Gasoline Range Organics (C4-C12)	0.517	0.10	"	0.440		118	53-126	0.4	25	
Surrogate: 1,2-Dichloroethane-d4	0.00355		"	0.00500		71	60-125			



URS Corporation [Arco1]
2870 Gateway Oaks Dr., Ste 300
Sacramento CA, 95833

Project: ARCO #2076, Lodi, CA
Project Number: G0BZH-0002
Project Manager: Vernon P. Elarth

MOK0991
Reported:
11/30/05 13:04

Notes and Definitions

LN MS and/or MSD below acceptance limits. See Blank Spike(LCS).
DF Reporting limits elevated due to matrix interferences
DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference



Chain of Custody Record

Project Name: ARCO 2076
BP BU/AR Region/Enfos Segment:

BP > Americas > West Coast > Retail > WCBU > CA
> Northern > 2076 > HsiorizabL

State or Lead Regulatory Agency:
Requested Due Date (mm/dd/yy): 11/28/05

Sacramento County Dept. of Env. Mgmt

On-site Time: 0750	Temp: 45
Off-site Time:	Temp: 65
Sky Conditions: Clear Sunny	
Meteorological Events:	
Wind Speed: 5 mph	Direction:

Lab Name: Sequoia	BP/AR Facility No.: 2076	Consultant/Contractor: URS
Address: 885 Jarvis Drive	BP/AR Facility Address: 800 East Kettleman, Lodi, CA	Address: 2870 Gateway Oaks Drive, Suite 150
Morgan Hill, CA 95037	Site Lat/Long: N/A	Sacramento, CA 95833
Lab PM: Lisa Race	California Global ID No.: T0607700036	Consultant/Contractor Project No.: 38466756.0063001
Tele/Fax: 408.782.8156 / 408.782.6308	Enfos Project No.: G0BZH-0002	Consultant/Contractor PM: Vernon Blarh
BP/AR PM Contact: Paul Supple	Provision or RCOP: Provisional	Tele/Fax: 916.679.2299 / 916.679.2900
Address: P.O. Box 6549	Phase/WBS: 06 - Closure	Report Type & QC Level: Level 1 with EDF
Moraga, CA 94570	Sub Phase/Task: 03 - Analytical	E-mail BDD To: Denise Yee@urscorp.com
Tele/Fax: 925.299.8891 / 925.299.8872	Cost Element: 05 - Subcontracted Costs	Invoice to: Atlantic Richfield Co.

Lab Bottle Order No: 9201277007117 920127700712																			
Item No.	Sample Description	Time	Date	Matrix			Laboratory No.	No. of Containers	Preservative					Requested Analysis					Sample Point Lat/Long and Comments
				Soil/Solid	Water/Liquid	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	GR0/BTEX8 Olys by 8260B	Total Lead by 6010B				
1	Drumcomp2076		11/28/05	X			01	1	X						X	X		48 hour turn	
2	TB-02076-112205		11/28/05	X	X		02	1		X									
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

Sampler's Name: Margaret Haggboom	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time	
Sampler's Company: URS	Margaret Haggboom	11/28/05		Cal-overnight	11/28/05	15:30	
Shipment Date: 11/28/05				M. Z.			
Shipment Method: California Overnight							
Shipment Tracking No:							
Special Instructions:	Email results to Dillard (lisa@dillardenvironmental.com) * Soil is saturated *						
If total lead value is >50 ppm analyze for lead by STLC value is >5 ppm analyze for lead by TCLP							
Custody Seals In Place Yes	No	Temp Blank Yes	No	Cooler Temperature on Receipt 43	97/C	Trip Blank Yes	No

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: URS
 REC. BY (PRINT): ME
 WORKORDER: 40K0991

DATE REC'D AT LAB: 11/23/05
 TIME REC'D AT LAB: 8:30
 DATE LOGGED IN: 11-23-06

For Regulatory Purposes?
 DRINKING WATER YES NO
 WASTE WATER YES NO

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s)	Present / Absent Intact / Broken*	01	4	DrumComp	metacore	-	-	S	11/23/05	
2. Chain-of-Custody	Present / Absent*	02	4	Trip Blank	VOA	HCL	-	L	✓	
3. Traffic Reports or Packing List:	Present / Absent									
4. Airbill:	Airbill / Sticker Present / Absent									
5. Airbill #:	<u>B10115571688</u>									
6. Sample Labels:	Present / Absent									
7. Sample IDs:	Listed / Not Listed									
8. Sample Condition:	Intact / Broken* / Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree?	Yes / No*									
10. Sample received within hold time?	Yes / No*									
11. Adequate sample volume received?	Yes / No*									
12. Proper preservatives used?	Yes / No*									
13. Trip Blank / Temp Blank Received?	Yes / No*									
14. Read Temp:	Corrected Temp: <u>4.3</u> Is corrected temp 4 +/- 2°C? <u>Yes</u> / No**									

(Acceptance range for samples requiring thermal pres.)
 **Exception (if any): METALS / DFF ON ICE
 or Problem COC

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

Electronic Submittal Information

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Confirmation Number: 8613432586

Date/Time of Submittal: 2/1/2006 1:01:53 PM

Facility Global ID: T0607700207

Facility Name: ARCO #2076

Submittal Title: Well Destruction Report 2005

Submittal Type: WDR Reports

Click [here](#) to view the detections report for this upload.

ARCO #2076
800 KETTLEMAN LN E
LODI, CA 95240

Regional Board - Case #: 390284
CENTRAL VALLEY RWQCB (REGION 5S) - (JLB)
Local Agency (lead agency) - Case #: 1349
SAN JOAQUIN COUNTY LOP - (ML)

NOTE: THIS DATA WAS SUBMITTED AFTER THE SITE WAS CLOSED

CONF #	TITLE	QUARTER
8613432586	Well Destruction Report 2005	Q4 2005
SUBMITTED BY	SUBMIT DATE	STATUS
Denise Yee	2/1/2006	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	1
# FIELD POINTS WITH DETECTIONS	0
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	0
SAMPLE MATRIX TYPES	SOIL

METHOD QA/QC REPORT

METHODS USED	8260FA,SW6010B
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
- 8260FA REQUIRES DBFM TO BE TESTED	
- 8260FA REQUIRES BR4FBZ TO BE TESTED	
- 8260FA REQUIRES BZMED8 TO BE TESTED	
LAB NOTE DATA QUALIFIERS	Y

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	Y
- MATRIX SPIKE	N
- MATRIX SPIKE DUPLICATE	N
- BLANK SPIKE	Y
- SURROGATE SPIKE	Y

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	Y
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

<u>SAMPLE</u>	<u>COLLECTED</u>	<u>DETECTIONS > REPD</u>
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

Logged in as URS-SAC (CONTRACTOR)

CONTACT SITE [ADMINISTRATOR](#).